

AquaBoard

*The board that defends
against water and not only.*



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AQUABOARD INNOVATION IN OUTDOOR DRYWALLS

The AquaBoard system is the innovative solution for the construction of walls, linings and ceilings in an external environment (directly or not directly exposed to weathering) or in high humidity environments (swimming pools, baths, etc.).

With an exceptional water resistance (**absorption < 3%** according to EN 15283-1), AquaBoard is the first plasterboard developed by Siniat for outdoor drywall applications offering a wide range of performance, technical and environmental benefits as well as satisfying the most demanding design specifications.

Thanks to the extraordinary characteristics of impermeability and resistance to atmospheric agents, the board enables an effective closure of the building already in the construction phase.

Once installed, it can in fact remain directly exposed for a period of up to 6 months without the need of any rendering or surface protection.

The AquaBoard system ensures **anti-burglar RC 2 and RC 3** resistances according to UNI EN 1627 / 1628 / 1629 / 1630.



Anti-seismic certification - University Federico II of Naples



Anti-burglar test report - Istituto Giordano





100% recyclable board
LEED & ITACA credits



ANTI-SEISMIC
CERTIFICATION



SAVINGS

- Up to 60% savings on installation time. The outstanding workability allow to realize in a simple and fast way even the most complex and elaborate solutions of the contemporary architecture.
- Opportunity to develop the job site entirely dry starting from perimeter walls.
- In case of application not directly exposed to weathering (for instance: piloty floors and external ceilings) **that does not require any rendering**; the joints are finished with AquaBoard compound.



THERMAL PERFORMANCES

- Possibility to create infill systems that meet the requirements of the latest regulations in the field of thermal and acoustic insulation.
- High dimensional stability: expansion joints provided every 15 m.
- AquaBoard is CE marked according to **EN 15283-1** standard (type GM-F H1 I).



TECHINICAL VALIDATIONS

- Approved assesment by the English Steel Construction Institute (SCI).
- The system obtained at "Istituto Giordano" **RC 2 and RC 3 anti-burglar classification** according to UNI EN 1627.
- **Anti-seismic certification** issued by the University Federico II of Naples.



RESISTANCE TO WEATHERING

- Once installed, the board can be left exposed to weathering up to 6 months, without the immediate rendering or surface covering.
- Exceptional water resistance (absorption < 3% according to UNI EN 15283-1).



WORKABILITY

- Easy to handle: AquaBoard is up to 50% lighter than cement boards.
- Easy to cut: AquaBoard's workability is similar to plasterboards. Indeed, there is no need to use any automatic tool.



SUSTAINIILITY

- Plasterboard solutions enable to meet the needs of sustainable construction: the main component is plaster that is entirely recyclable and for an unlimited number of cycles.
- **100% recyclable** board.
- AquaBoard enables the obtention of sustainability assesment protocols such as **LEED, ITACA** and **BREAM**.
- Etex Building Performance has developped a collection and recovery service for plasterboard waste that allows the complete recyclability of boards (PregyGreenService).

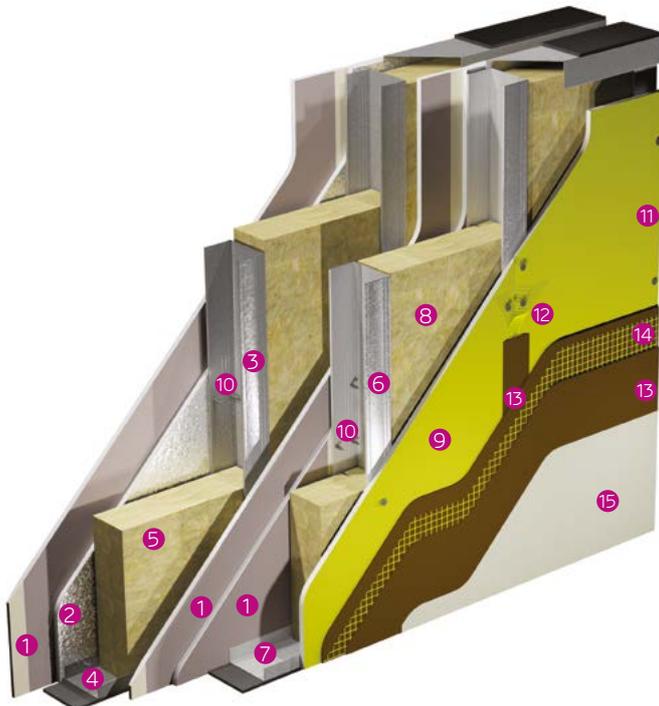


RESISTANCE TO FUNGI AND MOLD

- AquaBoard has a gypsum core with biocides added to prevent the growth of fungi and mold (10/10 according to ASTM D3273).

AQUABOARD INFILL WALL

Double frame with direct rendering



- 1 Solidtex board
- 2 PregyVapor BA13 board
- 3 PregyMetal Stud C75/50 or C100/50
- 4 PregyMetal Track U75/40 or U100/40
- 5 Stone wool d. 70 kg/m³, 60 or 80 mm thick
- 6 PregyMetalAquaBoard Stud C100/50 or C150/50
- 7 PregyMetalAquaBoard Track U100/40 x 1 or U150/40 x 1
- 8 Stone wool d. 110 kg/m³, 80 or 140 mm thick
- 9 AquaBoard BA13
- 10 Solidtex screws
- 11 AquaBoard screws
- 12 AquaBoard glass fiber tape
- 13 Adesivo&Rasante AquaBoard
- 14 AquaBoard mesh
- 15 Approved external finishing:
Quarzolite Base Coat + Quarzolite Tonachino /
Elastocolor Tonachino Plus by Mapei

ANTI-SEISMIC
CERTIFICATION



GREENSHAPING

100% recyclable board
LEED & ITACA credits

ANTI-BURGLAR
CERTIFICATION EN
1627/30



DOUBLE FRAME AQUABOARD INFILL WALLS RANGE WITH DIRECT RENDERING

| Variant | AB240 | AB250 | AB265 | AB275 | AB290 | AB300 | AB315 | AB325 |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Wall thickness [mm] | 240 | 250 | 265 | 275 | 290 | 300 | 315 | 325 |
| External frame ¹ | C100/50 | C100/50 | C100/50 | C100/50 | C150/50 | C150/50 | C150/50 | C150/50 |
| Internal frame ² | C75/50 | C75/50 | C100/50 | C100/50 | C75/50 | C75/50 | C100/50 | C100/50 |
| N° of boards in the cavity | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| Stone wool d. [kg/m ³] / th. [mm] | | | | | | | | |
| - External frame | 110/80 | 110/80 | 110/80 | 110/80 | 110/140 | 110/140 | 110/140 | 110/140 |
| - Internal frame | 70/60 | 70/60 | 70/80 | 70/80 | 70/60 | 70/60 | 70/80 | 70/80 |
| Maximum height ³ [m] | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
| Sound insulation R _w [dB] | 68 | 70 | 68 | 70 | 69 | 71 | 69 | 71 |
| Thermal transmittance U [W/m ² K] | 0,20 | 0,20 | 0,18 | 0,18 | 0,15 | 0,15 | 0,14 | 0,14 |
| Periodic thermal transmittance Y _{ie} [W/m ² K] | 0,09 | 0,06 | 0,07 | 0,05 | 0,05 | 0,03 | 0,04 | 0,02 |
| Thermal lag | 7h 17' | 8h 14' | 7h 51' | 8h 43' | 9h 29' | 10h 19' | 10h 2' | 10h 48' |
| Anti-burglar resistance ⁴ | - | RC 3 | RC 2 | RC 3 | RC 2 | RC 3 | RC 2 | RC 3 |
| Anti-seismic certificates | University Federico II of Naples, DIST n° 2010078-02 + Ext. cladding + Est. linings | | | | | | | |

SPECIFICATION

External infill wall AquaBoard having a total thickness from 240 mm to 325 mm (see walls' range) consisting of a double metal frame, external side PregyMetalAquaBoard dim. 100 mm / 150 mm, internal side PregyMetal dim. 75 mm / 100 mm. External cladding consisting of n° 1 AquaBoard BA13 outdoor board. Intermediate cladding consisting of n° 1 or 2 Solidtex boards. Internal cladding consisting of n° 1 Solidtex board + n° 1 PregyVapor BA 13 board, coupled with an aluminum foil. External rendering carried out twice by means of Adesivo&Rasante AquaBoard after the interposition of AquaBoard glass fiber mesh.

Approved external finishing cycle: Quarzolite Base Coat + Quarzolite Tonachino / Elastocolor Tonachino Plus. Insertion between studs of a double rockwool panel: thickness 60 mm / 80 mm and density 70 kg/m³ inner side, thickness 80 mm / 140 mm and density 110 kg/m³ outer side.

¹ PregyMetalAquaBoard profiles.

² PregyMetal profiles.

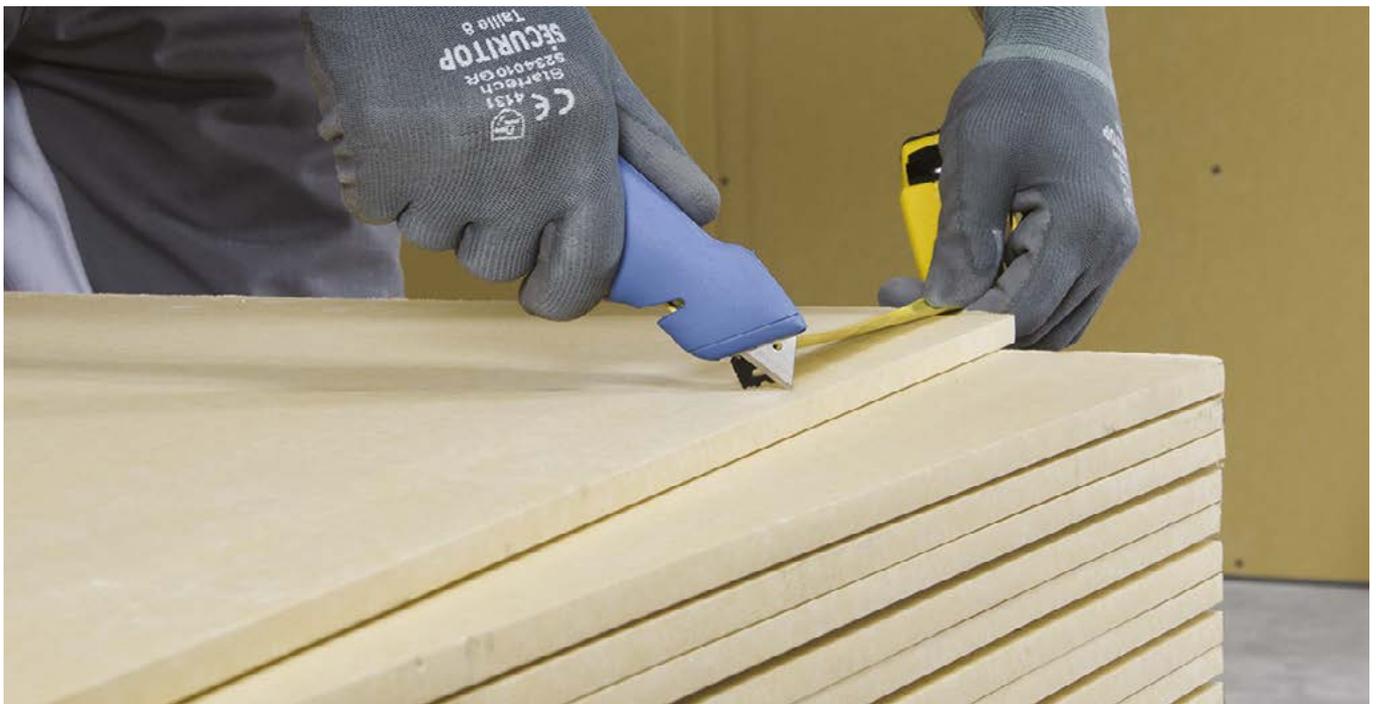
³ Indicative maximum height of the system. Configuration to be verified against wind, crowd and seismic load.

⁴ With profiles at 400 mm and staggered between the frames - Test Reports Istituto Giordano n° 291341 and n° 366605.

AVERAGE INCIDENCES

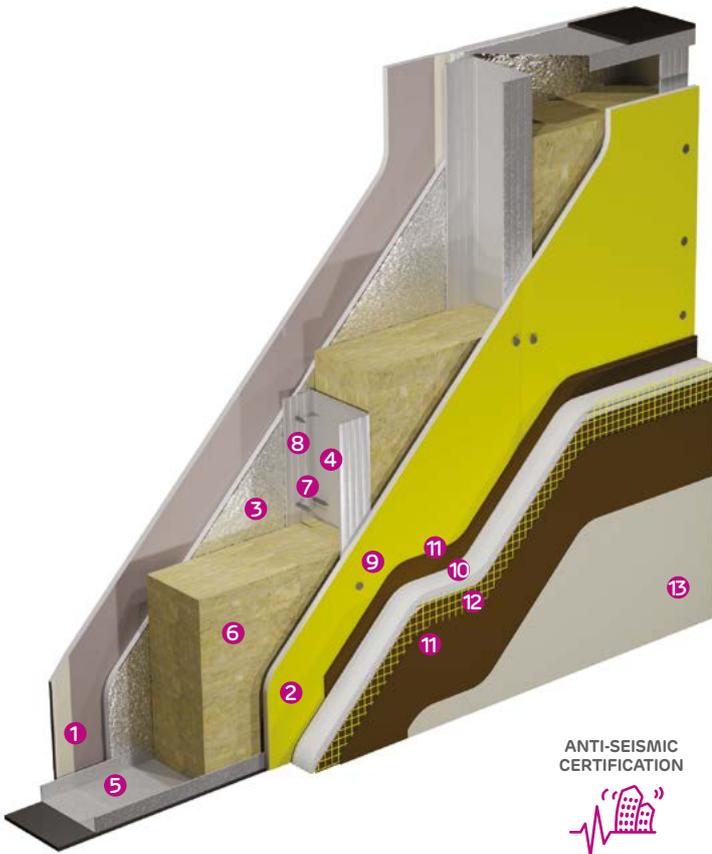
| | AB 240/265/290/315 | AB 250/275/300/325 |
|----------------------------------------|------------------------------|------------------------------|
| AquaBoard BA13 | 1,05 m ² | 1,05 m ² |
| Solidtex | 2,10 m ² | 3,15 m ² |
| PregyVapor BA13 | 1,05 m ² | 1,05 m ² |
| PregyMetalAquaBoard Studs | 1,75 m | 1,75 m |
| PregyMetalAquaBoard Tracks | 0,70 m | 0,70 m |
| PregyMetal Studs | 1,75 m | 1,75 m |
| PregyMetal Tracks | 0,70 m | 0,70 m |
| Solidtex screws /32 | 9 U | 9 U |
| Solidtex screws /42 | 9 U | 18 U |
| AquaBoard screws | 9 U | 15 U |
| SNT screws /25 | 3 U | 3 U |
| Siniat joint tape | 0,90 m | 0,90 m |
| Siniat joint compound | 0,35 kg | 0,35 kg |
| Rockwool density 110 kg/m ³ | 1,05 m ² | 1,05 m ² |
| Rockwool density 70 kg/m ³ | 1,05 m ² | 1,05 m ² |
| Adesivo & Rasante AquaBoard | 1,5 kg/m ² per mm | 1,5 kg/m ² per mm |
| AquaBoard mesh | 1,25 m ² | 1,25 m ² |
| AquaBoard glass fiber tape | 0,90 m | 0,90 m |
| Expanded polyethylene tape | Var. | Var. |

Indicative quantity per m² of a wall (height 3,00 m) considering a scrap 5%.



AQUABOARD INFILL WALL WITH EXTERIOR INSULATION FINISHING SYSTEM (EIFS)

Single frame with EIFS



- ❶ Solidtex board
- ❷ AquaBoard BA13 board
- ❸ PregyVapor BA13 board
- ❹ PregyMetalAquaBoard Stud C150/50
- ❺ PregyMetalAquaBoard Track U150/40 x 1
- ❻ Stone wool 110 kg/m³ - 140 mm
- ❼ SNT screws
- ❽ Solidtex screws
- ❾ AquaBoard screws
- ❿ EPS 80 mm thick
- ⓫ Adesivo&Rasante AquaBoard
- ⓬ AquaBoard mesh
- ⓭ Approved external finishing:
Quarzolite Base Coat + Quarzolite Tonachino /
Elastocolor Tonachino Plus by Mapei

CERTIFICATE OF
TECHNICAL SUITABILITY



 **GREENSHAPING** 100% recyclable board
LEED & ITACA credits

AVERAGE INCIDENCES⁽¹⁰⁾

| | |
|-----------------------------------------|------------------------------|
| AquaBoard BA 13 | 1,05 m ² |
| Solidtex | 1,05 m ² |
| PregyVapor BA 13 | 1,05 m ² |
| PregyMetalAquaBoard Tracks U150/40 x 1 | 0,70 m |
| PregyMetalAquaBoard Studs C150/50 | 1,75 m |
| AquaBoard screws /32 | 9 U |
| Solidtex screws /42 | 9 U |
| SNT screws /25 | 3 U |
| Siniat expanded polyethylene tape | Var. |
| Siniat joint tape | 0,90 m |
| Siniat joint compound | 0,35 kg |
| Adesivo&Rasante AquaBoard (EPS bonding) | 5 kg/m ² |
| Adesivo&Rasante AquaBoard (rendering) | 1,6 kg/m ² per mm |
| AquaBoard mesh | 1,25 m ² |
| Rockwool | 1,05 m ² |
| EPS insulation panel thickness 80 mm | 1,05 m ² |

FEATURES

| | |
|---------------------------------------|--------------------------------------------|
| Wall thickness | 280 mm |
| Wall weight | 68,6 kg/m ² |
| Sound insulation | R _w = 58 dB |
| Thermal trasmittance | U = 0,148 W/m ² K |
| Periodic thermal trasmittance | Y _{IE} = 0,041 W/m ² K |
| Thermal lag | 9 h 25' |
| Technical suitability ⁽¹¹⁾ | BBA-PS2 |

SPECIFICATION

External EIFS infill AquaBoard wall having a total thickness of 280 mm, consisting of a single metal frame PregyMetalAquaBoard M150 dimension 150 mm. External cladding consisting of n.1 AquaBoard BA13 external board. Internal cladding consisting of n.1 Solidtex board + n.1 PregyVapor BA13 board, coupled with an aluminum foil. EPS insulation panels for EIFS system, 8 cm thick, glued to the board by means of Adesivo&Rasante AquaBoard and mechanical fixings to the studs. External rendering carried out twice by means of Adesivo&Rasante AquaBoard after the interposition of AquaBoard glass fiber mesh.

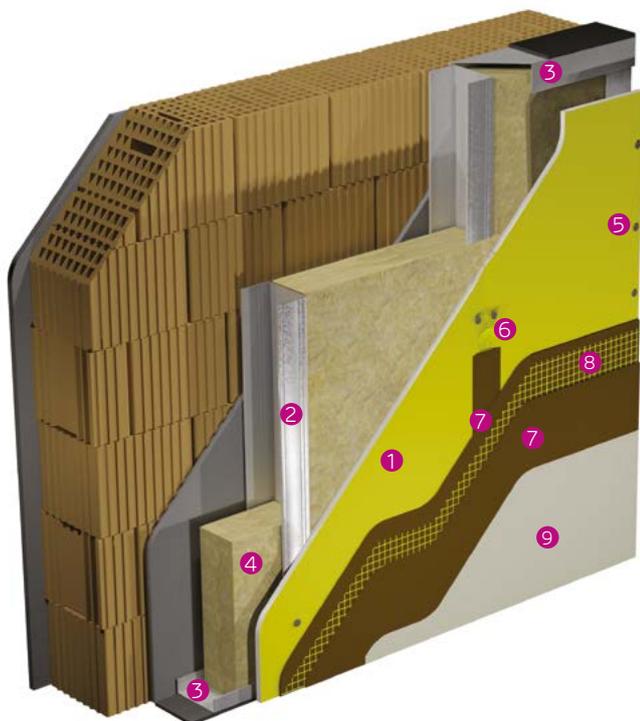
Approved external finishing cycle: Quarzolite Base Coat + Quarzolite Tonachino / Elastocolor Tonachino Plus. Insertion between the studs of a stone wool panel, thickness 140 mm and density 110 kg/m³.

⁽¹⁰⁾ Indicative quantity per m² of 3,00 m height wall considering a scrap of 5%.

⁽¹¹⁾ Certificate of technical suitability for the realization of light weight external walls with the application of EIFS system.

EXTERNAL LINING AQUABOARD

AquaBoard BA13 single board



- ① AquaBoard BA13
- ② PregyMetalAquaBoard Stud C75/50
- ③ PregyMetalAquaBoard Track U75/40 x 1
- ④ Stone wool 110 kg/m³ and 70 mm thick
- ⑤ AquaBoard screws
- ⑥ AquaBoard joint tape
- ⑦ Adesivo&Rasante AquaBoard
- ⑧ AquaBoard mesh
- ⑨ Approved external finishing cycle:
Quarzolite Base Coat + Quarzolite
Tonachino / Elastocolor Tonachino Plus
by Mapei



AVERAGE INCIDENCES ⁽¹²⁾

| | |
|----------------------------|------------------------------|
| AquaBoard BA 13 | 1,05 m ² |
| PregyMetalAquaBoard Tracks | 0,70 m |
| PregyMetalAquaBoard Studs | 1,75 |
| AquaBoard screws | 9 U |
| Rockwool | 1,05 m ² |
| Adesivo&Rasante AquaBoard | 1,6 kg/m ² per mm |
| AquaBoard mesh | 1,25 m ² |
| AquaBoard tape | 0,90 m |

FEATURES ⁽¹³⁾

| | |
|---------------------------------------|-------------------------------------------|
| Wall thickness | 87,5 mm |
| Wall weight | 25 kg/m ² |
| Sound insulation | R _w = 64 dB |
| Thermal trasmittance | U = 0,35 W/m ² K |
| Periodic thermal trasmittance | Y _{IE} = 0,05 W/m ² K |
| Thermal lag | 11h 38' |
| Technical suitability ⁽¹¹⁾ | ITC n° 648/11 |

SPECIFICATION

External lining AquaBoard having a total thickness of 87,5 mm, consisting of a single metal frame PregyMetalAquaBoard dimension 75 mm. External cladding consisting of n° 1 AquaBoard BA13 outdoor board. External rendering carried out twice by means of Adesivo&Rasante AquaBoard after the interposition of AquaBoard glass fiber mesh.

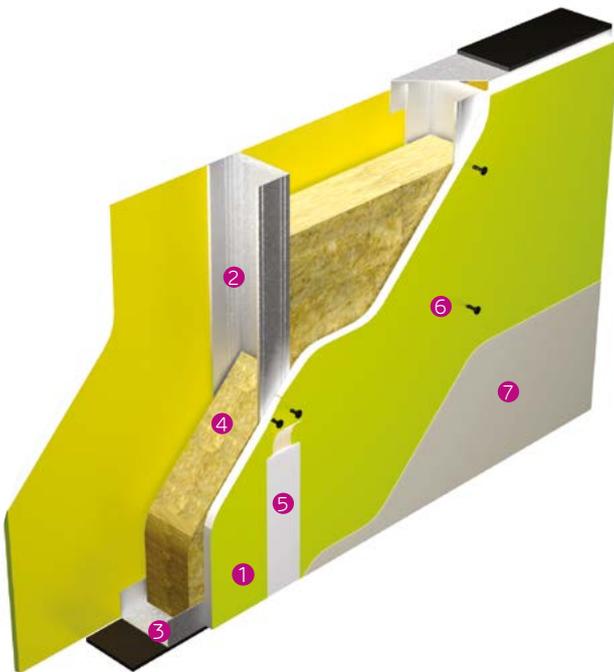
Approved external finishing cycle: Quarzolite Base Coat + Quarzolite Tonachino / Elastocolor Tonachino Plus. Insertion between the studs of a stone wool panel thickness 70 mm and density 110 kg/m³.

⁽¹²⁾ Indicative quantity per m² of lining (height 3,00 m) considering a scrap of 5%.

⁽¹³⁾ Acoustic and thermal performances refer to linings coupled with masonry walls in plastered brick blocks 25 cm thick..

INTERNAL WALL AQUABOARD

AquaBoard BA13 single board



- 1 AquaBoard
- 2 PregyMetalAquaBoard Studs C75/50
- 3 PregyMetalAquaBoard Tracks U75/40
- 4 Mineral wool
- 5 Joint treatment by means of AquaBoard tape and compound
- 6 AquaBoard screws
- 7 Finishing system suitable for humid environments

NO NEED OF RENDERING



GREENSHAPING 100% recyclable board
LEED & ITACA credits

AVERAGE INCIDENCES ⁽¹⁵⁾

| | |
|----------------------------------|---------------------|
| AquaBoard BA 13 | 2,10 m ² |
| PregyMetalAquaBoard Studs C75/50 | 1,75 |
| PregyMetalAquaBoard Tracks | 0,70 m |
| AquaBoard screws /32 | 18 U |
| Aquaboard joint tape | 1,75 m |
| Aquaboard compound | 0,5 kg |
| Mineral wool | 1,05 m ² |

FEATURES

| | |
|------------------|------------------------|
| Wall thickness | 100 mm |
| Wall weight | 24 kg/m ² |
| Sound insulation | R _w = 45 dB |

SPECIFICATION

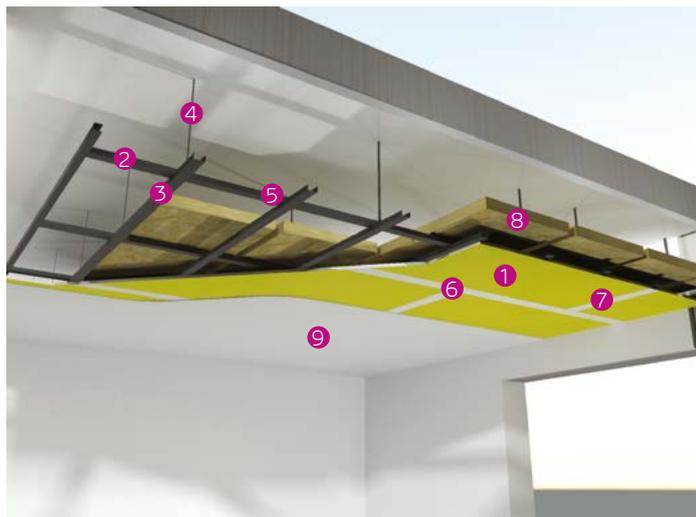
AquaBoard wall for indoor high humidity environments having a total thickness of 100 mm, consisting of a single metal frame PregyMetalAquaBoard dimension 75 mm. AquaBoard BA13 thickness 12,5 mm screwed on both sides to the metal frame by means of AquaBoard screws /32.

Mineral wool thickness 60 mm and density 40 kg/m³ placed in the cavity between metal studs. Treatment of joints by means of AquaBoard fiber glass tape and AquaBoard compound.

⁽¹⁵⁾ Indicative quantity per m² of wall (height 3,00 m) considering a scrap of 5%.

AQUABOARD CEILING

Double frame with single AquaBoard BA13
External or internal ceilings with high humidity



- ① AquaBoard
- ② Primary profiles PregyMetalAquaBoard S6027
- ③ Secondary profiles PregyMetalAquaBoard S6027
- ④ Nonius AquaBoard hangers
- ⑤ Connection hanger
- ⑥ Joint treatment by means of AquaBoard tape and compound
- ⑦ AquaBoard screws
- ⑧ Possible insulation
- ⑨ Finishing system suitable for external environments

NO NEED OF RENDERING



AVERAGE INCIDENCES ⁽¹⁶⁾

| | |
|------------------------------------|---------------------|
| AquaBoard BA13 | 1,05 m ² |
| PregyMetalAquaBoard Tracks U30/30 | Var. |
| PregyMetalAquaBoard Profiles S6027 | 3,60 m |
| Nonius AquaBoard hangers | 2,1 U |
| AquaBoard connectors | 3 U |
| AquaBoard screws 25 mm | 20 U |
| AquaBoard joint tape | 0,90 m |
| AquaBoard compound | 0,5 kg |
| Mineral wool | 1,05 m ² |

SPECIFICATION

Continuous ceiling suitable for outdoor installation, consisting of n.1 AquaBoard BA13, screwed on double frame PregyMetalAquaBoard S6027, primary channels interaxis 70 cm, secondary channels interaxis 50 cm and hangers at 70 cm interaxis attached to the floor by means of suitable

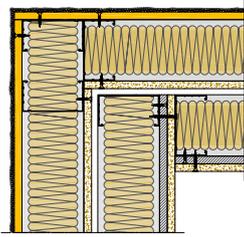
FEATURES

| | |
|------------------------------|--------------------------------------------------------------------------------------------------|
| Ceiling thickness | min. 67 mm |
| Ceiling weight | 18 kg/m ² |
| Resistance to fire | - |
| Thermal and sound insulation | Depending on the overlying floor, insulation material can be inserted in the cavity by lowering. |

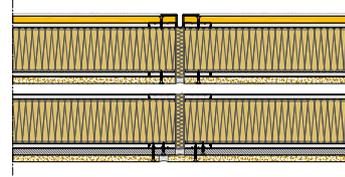
dowels. Insertion, if required, of mineral wool insulating panel. Treatment of joints by means of AquaBoard joint tape and AquaBoard compound.

⁽¹⁶⁾ Average quantity per m² of ceiling, considering a scrap of 5%. Number of profiles calculated for primary channels interaxis 70 cm, secondary channels interaxis 50 cm and 70 cm hanger.

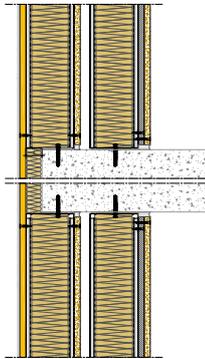
CONSTRUCTION DETAILS



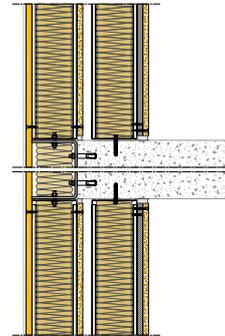
Corner between walls – horizontal section



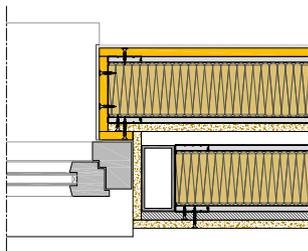
Expansion joint – horizontal section



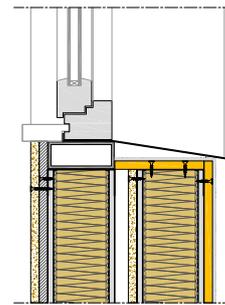
Floor detail 1 – vertical section
External track protruding max 1/3 of the track's size



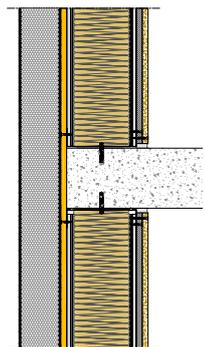
Floor detail 2 – vertical section
Facade hanged externally



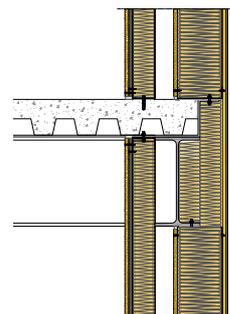
Window joint – horizontal section



Window joint – vertical section



Floor detail (EIFS system) – vertical section



Floor detail on steel structure – vertical section

INSTALLATION

Installation instructions for outdoor application directly exposed to weathering.

AquaBoard must be installed on the PregyMetalAquaBoard frame; the maximum interaxis of profiles must be 600 mm. For detailed information and sizing refer to Etex BP technical office.

- AquaBoard's workability is extremely easy. Indeed, the board can be cut with a mere cutter.
- Not being necessary automatic tools, the board can be cut on the scaffold and / or on the forklift, ensuring in any case compliance with safety requirements.
- To avoid rising damp from the wall base, place AquaBoard boards at a minimum distance of 1 cm from the external floor and protect it with the AquaBoard aluminium starting profile. In case the base of the external wall end in direct contact with the ground, keep AquaBoard system at least 20 cm from the ground.
- Since the boards have a high dimensional stability, they can be installed side by side, without leaving any spaces between the joints. However, provide expansion joints every 15 m and in correspondence with structural joints.
- Provide a minimum total thickness of Adesivo&Rasante AquaBoard of 5 mm (first and second coating).
- Pay attention to place the AquaBoard mesh in the middle of the rendering layer or at least in the outer half.

- Once installed, the board can be left exposed to weathering for maximum 6 months without the need of immediate rendering or protection of the surface.
- Once the surface has been rendered it must be protected from weathering. Immediately after the complete drying of the render, apply the approved outdoor finishing cycle: Quarzolite Base Coat + Quarzolite Tonachino / Elastocolor Tonachino Plus.
- If it is compulsory to ensure the air tightness of systems that do not require the application of Adesivo&Rasante AquaBoard, use a suitable silicone sealant to seal the horizontal and vertical joints after the application of boards.

Installation instructions for EIFS applications.

- For the installation of insulating panels on boards, use Adesivo&Rasante AquaBoard. The insulating panels must be installed staggered according to the manufacturer instructions.
- Secondary mechanical fixings to be evaluated at door and window openings. Any additional mechanical fixing must be carried out at the metal structure through the board.

Installation instructions for indoor applications and in environments not directly exposed to weathering.

- Provide the treatment of joints by means of AquaBoard joint tape and AquaBoard Ready mix compound.
- Proceed with finishing cycles suitable for high humidity or external environments after the primer application following the instructions of the producer.

Boards assembly



EIFS application



Surface rendering with interposition of the mesh for directly exposed surfaces



Joints treatment only for applications not directly exposed surfaces



TECHNICAL FEATURES OF AQUABOARD

| | |
|---------------------------------------------|-----------------------------------|
| TYPE OF BOARD | GM-F H1 I according to EN 15283-1 |
| EDGES | Tapered |
| NOMINAL THICKNESS | 12,5 mm |
| NOMINAL WIDTH | 1200 mm |
| NOMINAL LENGTH | 2000 / 3000 mm |
| THICKNESS TOLERANCE | ± 0,5 mm |
| WIDTH TOLERANCE | 0/-4 mm |
| LENGTH TOLERANCE | 0/-5 mm |
| ORTHOGONALITY TOLERANCE | ≤ 2,5 mm/m |
| WEIGHT | 11 kg/m ² |
| REACTION TO FIRE | A2-s1,d0 |
| THERMAL CONDUCTIVITY | λ = 0,25 W/mK |
| RESISTANCE FACTOR FOR VAPOR DIFFUSION | μ = 11 |
| SURFACE WATER ABSORPTION | < 100 g/m ² |
| TOTAL WATER ABSORPTION | < 3 % |
| DIMENSIONAL VARIATIONS (EN 318) | |
| DA 20 °C / 65 % RH A 20 °C / 90 % RH | |
| - LONGITUDINAL DIRECTION | 0,15 mm/m |
| - TRANSVERSAL DIRECTION | 0,11 mm/m |
| MOLDING DEVELOPMENT RESISTANCE (ASTM D3273) | 10/10 (maximum resistance) |
| FLEXURAL BREAKING LOAD: | |
| - LONGITUDINAL | ≥ 540 N |
| - TRANSVERSAL | ≥ 210 N |
| SURFACE HARDNESS (FOOTPRINT DIAMETER) | ≤ 15 mm |
| SHOCK RESISTANCE (EN 1128) | IR = 13,4 mm/mm |
| VOC EMISSIONS (ISO 16000-9) | Class A+ |



AQUABOARD SYSTEM COMPONENTS

SYSTEM FOR APPLICATIONS DIRECTLY EXPOSED TO WEATHERING



SYSTEM FOR APPLICATIONS NOT DIRECTLY EXPOSED TO WEATHERING



PregyMetalAquaBoard metal frame

Special metal profiles for the construction of walls, linings and ceilings with high resistance in salt fog.

AquaBoard metal frame for highly corrosive environments

C5 (high) and C5-M (very high - marine) special anti-corrosion metal profiles.

AquaBoard screws

High resistance in saline atmosphere self-tapping screws for applications on metal or wood.

AquaBoard compound

Ready mix compound resistant to moisture for the treatment of joints on ceilings and external walls not directly exposed systems.

AquaBoard non adhesive fiber glass tape for applications combined with AquaBoard compound

Adesivo&Rasante AquaBoard

Monocomponent mineral rendering specific for the direct rendering of the AquaBoard board and for the gluing and subsequent rendering of thermo-insulation panels on the board itself.

Finishing profiles

PVC corner protectors, expansion joints and aluminium starting profile.

AquaBoard mesh

Alkaline resistant fiber glass reinforcement mesh with high mechanical resistance for applications with Adesivo&Rasante AquaBoard.

AquaBoard accessories



Special accessories tested and classified according to DIN 55634 and EN ISO 12944-6.

C3: middle anti-corrosion class, gray color.
C5: high anti-corrosion class, black color.

C5-M: very high anti-corrosion class (marine), anthracite color.

+ ECOLOGY

Fanatics per for green



SUSTAINABILITY

SUSTAINABILITY AND QUALITY

In recent years there has been a growing affirmation of an **ecological coscience** worldwide, so we are all aware that our well-being can not be separated from the environment and therefore from correct and **sustainable** use of natural resources.

At the same time we care always more about the **quality** of what we buy and use in our everyday life.

These two concepts **Sustainability and Quality** are the basis of the work of Etex Building Performance, always at the forefront of technology, caring about the environmental impact of production and quality of products. Since a long time, our plasterboards production system in Corfinio uses gypsum waste from several sources that would otherwise be sent to a landfill as waste.

Furthermore, both boards production line and steel profiles line operate under controlled quality conditions. From a legislative and regulatory point of view, Sustainability and Quality are closely linked: in fact, in order to be in line with the current **ecology laws**, production under **controlled quality regime (UNI EN ISO 9001)** is an indispensable requirement.

BUILD THE FUTURE

As producers of dry systems, we have been for many years driven by the ambition to move from a linear economy characterized by a "disposable" mentality to a circular economy which involves all the players of the production chain to mitigate environmental impacts and bring benefits to present and future society.



CRADLE TO CRADLE

Siniat **is the first industrial site in Italy** and among the few in Europe to obtain la Cradle to Cradle certification on all plasterboards. C2C certification certifies that products, from their components to their **recycling**, create a **positive impact on the environment** combined with **social responsibility** in production.



EPD

EPDs provide the environmental performance of products in a transparent and reliable way, contributing to obtaining **credits** in building certification **protocols** such as LEED or BREEAM.



LEED CREDITS

Materials and Resources (MR)
Internal Environmental Quality (EQ)
Regional Priorities (PR)

ITACA CREDITS

B.4.6. Recycled / Recovered Materials
B.4.8. Local Materials
B.4.10. Recyclable or Removable Materials

BREEAM CREDITS

HEA – Health and Wellbeing
MAT – Materials
WST – Waste

BENEFITS+

THE ADVANTAGE OF CHOOSING SINIAT BOARDS IS IN THE CERTAINTY OF HAVING:

- the highest recycled content on the market, more than 13%
- EPDs for the entire line
- the only ones certified Cradle to Cradle in Italy



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The logo for Lanitis Aristophanous consists of a stylized 'A' icon made of three triangles (two blue, one orange) to the left of the text "LANITIS ARISTOPHANOUS" in a bold, uppercase sans-serif font.

- Timber • Specialized Building Materials
- Sanitary Ware • Ceramics • Parquet
